

Master's programmes 2018/2019



# An excellent place to start your future

AT STOCKHOLM UNIVERSITY, we offer our students an open and stimulating environment in one of the most beautiful and dynamic capital cities in the world. Since we were founded in 1878, openness and a commitment to social change have been at the heart of our activities, and it remains so today.

Stockholm University is Sweden's largest institution for higher education, one of the 100 highest ranked universities in the world and one of the top 50 universities in Europe, according to the Academic Ranking of World Universities 2017.

We offer more than 75 master's degree programmes, all taught in English, within Science and Human Science.

As a master's student at Stockholm University, you will have direct contact with leading researchers in your field and access to the most recent scientific findings. You will have the chance to meet students from Sweden, Scandinavia and beyond. You will develop your ability to think independently, to analyze and to solve problems, qualities that are required in advanced international careers.

On behalf of all our staff and students, I would like to welcome you to Stockholm University. We look forward to meeting you on campus.

Ashir Solvbergh Widering

Vice-Chancellor







## Study with us!

Attend a lecture by a Nobel Laureate, study in the modern library, go for a run in the countryside around campus or take a short tube ride for a night out in central Stockholm.

As a student at Stockholm University your choices are abundant. The most difficult one is likely to be which one of our more than 75 first-class master's programmes to apply for.

With internationally renowned research within a number of high profile areas, Stockholm University is Sweden's largest institution of higher education and home to over 34,000 students.

recent survey among international students. Here you will not only meet local Swedes but people from all over the world.

Another great advantage with

As a student here you will be taught by professors and lecturers who are often prominent researchers in their chosen field. In the tradition of the Swedish societal openness, the teaching staff are known for being friendly and approachable. Many of the researchers describe meeting the students as one of the most satisfying aspects of their job.

Cutting-edge research reserves
Stockholm University a place in Nobel
Prize committees and other top
international organizations. It is in
connection with the yearly Nobel
Prize award ceremony that lectures by
Nobel Laureates take place on campus,
lectures which are free of charge and
open to the public.

At Stockholm University there is global exchange at every level. The English spoken and written by our academic staff is considered one of the best in Sweden and globally, according to a recent survey among international students. Here you will not only meet local Swedes but people from all over the world

Another great advantage with Stockholm University is its location in the Swedish capital. While campus is based in a lush green Royal National City Park, the vibrant city centre, and Sweden's decision-making bodies, businesses and cultural institutions, are only a stone's throw away. The 2016 Global University Employability Ranking ranks Stockholm University first in Sweden and 62 globally, when it comes to educating work-ready graduates.

A master's degree from Stockholm University stands for high quality. It will open doors in Sweden and the rest of the world.













Sudinta Mallick

## A welcoming city for everyone

The Swedish capital offers a diversity few other cities can compete with. Whether you're looking for beautiful architecture, night clubs, museums, cultural events, outdoor sports, restaurants or trendy shopping, you're likely to find it in Stockholm. If you're a concert and festival goer, or into theatre and dance, there's a dynamic performance scene featuring both national and international artists.

What really makes this city stand out, though, is the mixture of rural and urban. One of Stockholm's most striking features is the presence of water almost everywhere due to the fact that it is built on fourteen islands. Additionally, there is an archipelago consisting of another 30,000 islands, several of which you can visit with the public transport travelcard.

According to a recent survey\*, Stockholm is the 10th most desirable student city in the world, and in 2015 The Economist Intelligence Unit rated Stockholm the safest capital in Europe. The Swedes are generally very happy to receive international visitors and the majority speak English.

Stockholm and Sweden is also an excellent place if you want to launch an international career.\*\* As the country's buzzing and fast-growing business centre, Stockholm is a great example of Sweden's well-known culture of innovation. For instance, Kista Science City, which is only a 20-minute train journey away from

Stockholm University, is home to 1,100 world-leading businesses and research companies within the digital realm. International brands such as IKEA, H&M, Volvo, Ericsson, Minecraft, Spotify, Skype, and famous artists like Zara Larsson and Abba all originate from our country.

So, what are you waiting for? Challenge yourself and come to Sweden to study!

\*The fifth edition of the QS Best Student Cities, published in 2017.

\*\*A new regulation is making it easier to launch an international career after studying in Sweden. Students with a residence permit for studies in Sweden, who have completed at least two semesters of full-time studies at a Swedish university, may get a residence permit that allows them to stay in Sweden for up to six months to look for work or start a business.

## Our master's programmes

Stockholm University offers more than 75 master's programmes in English. The master's programmes comprise one or two years of full-time studies which corresponds to 60 or 120 credits\*.

#### Please note that all master's programmes require:

- a bachelor's degree or equivalent from an accredited institution of higher education
- a very good command of English. Please check if you meet the English language requirements here: su.se/entryrequirements
- specific admission requirements specified for the individual programme. Please find specific admission requirements in each programme description on our website: su.se/mastersprogrammes

In addition to the master's programmes, Stockholm University offers a number of freestanding courses suitable for international students. In order to find courses that don't require any knowledge of Swedish, please visit our online course catalogue at sisu.it.su.se/en/educations and check the box "For international students".

If you are interested in PhD studies at Stockholm University, please see: su.se/phd

\*One academic year equals 60 credits ("högskolepoäng"). The Swedish credit system is compatible with ECTS.

## Computer and Systems Sciences

#### Computer and Systems Sciences 60 credits

Students choose courses in which they broaden or deepen their knowledge. Courses in different areas such as data mining, IT management, information security and business intelligence can be chosen. One course in research methodology and a 15-credit thesis are mandatory.

www.dsv.su.se/en

#### Computer and Systems Sciences 120 credits

Among the elective courses you will find courses in data mining, IT management, information security, business intelligence, decision analysis and IT project management. Additionally, you learn about scientific communication and research methodology and write a 30-credit master's thesis. www.dsv.su.se/en

#### **Decision Support and Risk Analysis** 60 credits (Distance)

Students learn how to employ decision support systems, risk management and the theory of argumentation. They also study real world applications and public procurement, strategy formation, financial analyses and industrial risk modelling.

 $This \ programme \ is \ suitable \ for \ graduates \ from \ various \ disciplines.$ 

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This programme is suitable for graduates from various disciplines.

#### SUDIPTA MALLICK, MASTER IN COMPUTER AND SYSTEMS SCIENCES

Gender equality and a good work-life balance. These are two of the reasons why Sudipta Mallick from India chose to come to Sweden to study. She is doing a master in Computer and Systems Sciences and hopes to find a job and settle down here once she has completed her studies.

"I really enjoy my subject and would like to work as a data scientist or within data engineering in the future. Sweden is a very good place and I recommend everyone to come here. The education is of a high quality and I love the diversity. There are men and women, people of different ages and backgrounds in my class."





Anna Tompsett

#### ANNA TOMPSETT ASSISTANT PROFESSOR OF DEVELOPMENT ECONOMICS

As a researcher at the Department of Economics, Anna Tompsett examines how public goods things that benefit us all, like infrastructure or public health – affect human development. Her research uses natural and field experiments, for example to learn about how best to provide safe drinking water to rural communities in Bangladesh.

"Stockholm University is a wonderful place to be a researcher, and my students and colleagues are inspiring.
I teach on the master's programme in Economics and in Environmental Social Sciences and I also have master's students working for me as research assistants."

The best part of her

"Everything! I have the best job in the world!"

**Health Informatics, Joint Master's Programme** 120 credits Provided by Karolinska Institutet in conjunction with

Stockholm University. It covers everything from basic health informatics and the methods for user needs engineering, standardization and evaluation, to advanced health informatics such as clinical decision support, modelling and data science. www.dsv.su.se/en

#### **Information Security** 120 credits

Focuses on the protection of information assets. It includes courses such as secure software, information security in organizations, network security, information security project management, cyber security, legal aspects of information security and cyber forensics.

www.dsv.su.se/en

This programme is suitable for graduates from various disciplines.

#### **Information Systems Management** 120 credits

Students acquire the knowledge and skills to use cuttingedge IT to solve organizational and societal problems. They also obtain in-depth knowledge of information systems design/ architecture, including requirements for engineering, serviceoriented architectures, and agile systems development. www.dsv.su.se/en

#### **Open eGovernment** 120 credits (Distance)

Provides the planning, management and technical skills necessary for leading and transforming public organizations to be open, innovative, flexible and effective when using information and communication technology. The programme can be attended remotely.

www.dsv.su.se/en

This programme is suitable for graduates from various disciplines.

#### **Business and Economics**

#### **Accounting** 120 credits

Gives a broad overview of different disciplines in accounting, such as financial accounting, auditing and management control, after which students can focus on more specialized subject areas. The programme not only prepares students for senior positions as accountants, but also for academic research in the field. The programme offers the possibility to take a one-year or a two-year master's degree.

www.sbs.su.se/en

#### Banking and Finance 120 credits

Trains students in the advanced theories and methods of financial analysis and prepares them to become financial analysts, chief financial officers and portfolio managers. The programme is offered jointly by Stockholm Business School and the Department of Economics, and is designed to attract students from both business administration and economics. www.sbs.su.se/en

#### **Economics** 120 credits

Teaches students to independently use economic theory and empirical methods in the analysis of various social problems. After graduation students will be qualified to perform independent investigative and analytical work in the field of economics, and inspect and assess current research. www.ne.su.se/english

#### Management, Organization and Society 120 credits

Deals with key issues facing people in organizations, including roles in society, globalization, entrepreneurship, organizational change and power. Advanced social sciences address managerial perspectives and their social, cultural, technical, economic and political impact.

www.sbs.su.se/en

This programme is suitable for Humanities and Social Sciences araduates.









Fredrik Krohn Andersson

#### Marketing 120 credits

Built around social sciences and humanities, it empowers critical-creative analyses of events, tendencies and changes in modern society, culture and business life. It creates an understanding of how we, in interaction with these phenomena, think, feel and act as human beings.

www.sbs.su.se/en

This programme is suitable for graduates from various disciplines.

#### **Operations Management and Control** 120 credits

A unique programme which brings together students from different vocations such as business, computer sciences, political science, law, medicine and engineering — with no previous background in operations management — and prepares them for a career in this field.

www.sbs.su.se/en

This programme is suitable for graduates from various disciplines.

#### Arts and Humanities

#### **Art History** 120 credits

Provides an opportunity to acquire deepened empirical and theoretical knowledge in art history. Particular focus is placed on developing skills that enable the students to navigate the international art historical field, within the academy, museums, or related professional areas.

www.su.se/ike/english/art-history

This programme welcomes applicants with academic bachelor's degree in Art History.

#### Art History: Technical Art History and the Art Museum

Provides deepened empirical and theoretical knowledge in the field of Art History with a focus on Technical Art History, History of the Art Museum, History of Collections and Archive Studies as well as professional practices within the Art Museums. The programme is held in collaboration with the Department of Materials and Environmental Chemistry (MMK) and the Department of Computer and Systems Sciences (DSV). www.su.se/ike/english/art-history

This programme welcomes applicants with academic bachelor's degree in Art History.

#### Cinema Studies 120 credits

Provides students with a wide range of perspectives on moving images and screen cultures. Past and present configurations are studied historically, aesthetically, and as cultural phenomena and practices. Core courses cover theories and research skills, and electives allow students to focus on individual areas of interest.

www.ims.su.se/english

## **Curating, including Art, Management and Law** 120 credits Offered in close collaboration with leading art institutions in Stockholm. Theoretical courses in Curatorship, Art Education, Management and Law are combined with practice based workshops, projects and a 10-week internship at a Swedish or international institution.

www.su.se/ike/english/curating-art

This programme welcomes applicants with academic or artistic bachelor's degree.

#### Fashion Studies 120 credits

Examines different representations of fashion from both historical and contemporary perspective. Key concepts and meanings of fashion are studied in connection to different social theories. Students learn how to understand, analyze and interpret fashion as material culture, as an industrial and historical phenomenon and as one of the major representatives of social and cultural development. The perspectives of gender, class and economics are fully integrated into the programme. www.ims.su.se/english

This programme is suitable for Humanities and Social Sciences quaduates.

#### FREDRIK KROHN ANDERSSON ASSOCIATE PROFESSOR OF ART HISTORY

Fredrik Krohn Andersson is an Associate Professor of Art History at the Department of Culture and Aesthetics. His research is on Architectural History, examining how buildings and environments can be interpreted as communicating and mediating social, cultural and political phenomena.

"I think it's really great to be a researcher at Stockholm University. As a lecturer I have a lot of interaction with students at all levels, which I enjoy very much.

Maybe it's a cliché, but the best part with being a researcher here is to actually learn new things all the time."











Katja Ballmann

#### Literature 120 credits

Throughout history, people have been telling stories and reciting poetry – from ancient epics and dramas to modern crime fiction and blogs. But what is literature? What does it say about human living conditions and ideas throughout history? And how can we interpret and understand literature? You will learn all these things if you choose the master's programme in

Choose one of our eight international specializations:

- Ancient Greek Literature
- English Literature
- French Literature
- German LiteratureHispanic Literature
- Italian Literature
- Latin Literature
- Lusophone Literature

www.su.se/ike/english

#### **Practical Philosophy** 60 credits (Master's course)

Includes such fields as metaethics, normative ethics and political philosophy. The course is for students who are well-trained in analytic philosophy and who aim to pursue doctoral studies. It includes a thesis of 30 credits. All teachers and supervisors are active researchers.

www.philosophy.su.se/english

#### Theatre and Performance Studies 120 credits

The performing arts are evolving in an increasingly globalized society. Exposure to new influences means that the professional opportunities within the field are developing in new directions. The programme will provide advanced theories and methods for the in-depth analysis of international contemporary and historical performance practices. www.su.se/ike/english

#### Theoretical Philosophy 60 credits (Master's course)

Includes such fields as philosophy of language and mind, epistemology, philosophy of science, and logic. Applicants should be well-trained in analytic philosophy and intent on pursuing doctoral studies. The course includes a thesis of 30 credits. All teachers and supervisors are active researchers. www.philosophy.su.se/english

#### Media and Communications

Marketing Communication and Fashion (IHR) 120 credits
Based in the social sciences as well as the humanities with a
particular focus on Advertising and PR. It integrates a broad
set of perspectives in order to understand contemporary
phenomena and their impact on markets and organizations.
Emphasis on the fashion industry but prepares students for
professional management careers in all areas.

www.sbs.su.se/english

This programme is suitable for graduates from various disciplines.

#### Media and Communication Studies 120 credits

Provides students with current and relevant theories and research involving media in the processes of cultural, political, and economic globalization as well as ethnicity, class and gender perspectives on media. It may lead students to a professional career within the media industry, and qualifies students for independent research or doctoral studies. www.ims.su.se/english

#### Human, Social and Political Sciences, and Law

#### Applied Social Research 120 credits

Meets an increasing demand for skills in research design, measurement, data collection, and data analysis. Students will gain an advanced knowledge of quantitative social research methods, and understand how they can be used to address problems when the empirical analysis of data is crucial. www.sociology.su.se/english

#### **CREOLE: Cultural Differences and Transnational Processes**

Addresses three main areas: transnational processes, cultural differences and visual culture. Provides students with research methods and ethnographic skills, and insights into and understandings of globalization. Two terms are spent abroad at partner universities.

www.socant.su.se/english

#### Demography 60 credits

Teaches the skills needed to describe, analyze and explain population development in its various aspects and provides the skills to work with qualified demographic surveys. www.sociology.su.se/english

This programme is suitable for graduates from various disciplines.

#### Demography, Multidisciplinary 120 credits

A collaboration among the economics, history, geography, sociology and statistics departments. It focuses on analysis of population development in various social contexts and time periods as well as investigating causes and consequences of changing population structures.

www.sociology.su.se/english

This programme is suitable for graduates from various disciplines.

#### **Environmental Social Science** 120 credits

A multidisciplinary field of research that deals with what controls human behaviour, beliefs and the ways human beings organize themselves in relation to the environment. It is about understanding the social processes that lead to changes in the environment or are a reaction or adaptation to these.

www.statsvet.su.se/mastersprogrammes

 $This \ programme \ is \ suitable \ for \ graduates \ from \ various \ disciplines.$ 

#### **Global Political Economy** 120 credits

Offers an interdisciplinary understanding of key economic and political issues shaping the world today; from the changing nature of the nation-state, trade, production and finance, to the challenges of development, migration, poverty and inequality. It covers the challenge of sustainable growth, the evolution of global governance, and new threats to international security. It is based on global political economy/international relations, economic history and economics, and includes critical theories and gender perspectives. www.ekohist.su.se/english

## **Globalization, Environment and Social Change** 120 credits Addresses some major global challenges of our time, such as climate change and growing urban slums. It explains the social, economic and political processes at global and local levels that are root causes of increased vulnerability, for certain regions

humangeo.su.se/mglob

and populations.

#### Human Geography 120 credits

Deals with the world, its peoples, their communities and cultures, and studies their relations, where space and place are central concepts. Students can specialize in research fields such as landscape studies, population geography, migration, economic geography and urban processes. humangeo.su.se/mhq

#### **International and Comparative Education** 120 credits

Addresses the emerging challenges facing global education. Students will acquire knowledge and analytical skills in educational policy, planning, management, reform and evaluation in global and comparative perspectives including cultural, developmental and cross-disciplinary dimensions. www.edu.su.se/english

This programme is suitable for applicants with a Teacher's Certificate as well as for Social Sciences and Humanities graduates.

#### Latin American Studies 120 credits

Gives you a wide orientation regarding the questions and challenges that the continent faces as well as the tools to address them. The programme is designed to provide participants with a solid foundation for future work with Latin America in areas such as public administration, academic research, international organizations, development cooperation and journalism.

www.lai.su.se

KATJA BALLMANN MASTER IN MEDIA AND COMMUNICATION STUDIES

"Don't be too shy to take the first step. It is worth it in the long run," Katja Ballmann replies when asked about how to make friends with reserved Swedes.

She is currently doing a master in Media and Communication Studies and is thoroughly enjoying her stay here. The high level of English was one of the reasons to leave, at least temporarily, her native Germany to pursue her studies in Sweden.

"The international nature of the programme was something that attracted me and I would really recommend other people to study abroad. It makes you grow as a person."

## Meet our alumni from around the world



CANADA **ELISSA BERRILL** Job title: Environmental Planner Education at SU: Environmental Management and Physical Planning

"Studying at SU opened up a world of opportunities for me. Moving abroad allowed me to develop new avenues of interest and exposed me to new ways of thinking. In particular, the systems approach to environmental planning and the project research we completed as part of my master's programme has provided me with a solid foundation upon which to build a career in environmental management."

#### USA

#### SALLY ANDERSON BOSTRÖM Occupation: Doctoral student

in American Literature Education at SU: Master in English Literature

"I decided to do my MA in Sweden because I wanted to study English literature with a more international approach. The programme at SU was diverse, stimulating, and prepared me well for my career in academia."



#### **ECUADOR**

#### JOSE GABRIEL LEÓN JARAMILLO Job title: Assistant Researcher/ Master's student Education at SU: Master in Marine Biology

"Everyone in Stockholm and at Stockholm University were extremely welcoming. The opportunity to establish lifelong friendships with people and professors from all over the world was extraordinary and this made my two-year stay at SU a journey I will treasure and something everyone should experience."



BRAZIL LAURA AGUIAR Job title: Postdoctoral Researcher Education at SU: Master

in Media and

**Communication Studies** 

#### **ICELAND**

LILJA SÓLVEIG KRO Job title: Economist Education at SU: Master in **Economics** 





UK PAUL LAVERTY Job title: Head of **Business Development** Education at SU: Master in Economics and Finance

"Stockholm University gave me a good jumping off point to go from a top international business school to a top international company."



for Rail and Urban Transport Projects Planning



FINLAND

ANTTI VAINIO

Job title: Research Officer Education at SU: Master in

Globalization, Environment and Social Change

#### POLAND

IWONA STRACHOTA Job title: Senior Specialist Education at SU: Master in Urban and Regional



**Studies** 

#### KAZAKHSTAN **GULIM NURABAYEVA**

Job title: Political and Public Affairs Assistant · Education at SU: International and Comparative Education



#### **CHINA** YUNING CHEN

Job title: Foreign Legal Consultant Education at SU: Master of Laws in International Commercial Arbitration



#### MOHAMMED JAHANGIR ALAM NILOOFAR NIKNAM

Job title: Managing Director Education at SU: Master in Job title: Digital Marketing Manager Marine Biology Studies Education at SU: Master in Media and Communication



**INDONESIA DEDE UKI PRAYUDI** Job title: Policy Research Associate Education at SU: Multi-Disciplinary

"Sweden is world famous for very advanced demography related policies and Stockholm University is therefore the best place to start."

Master in Demography



#### ZAMBIA

**MUTINTA SIFELANI MUSINDO** Job title: Senior Lecturer of **Curriculum Studies** Education at SU: International and Comparative Education



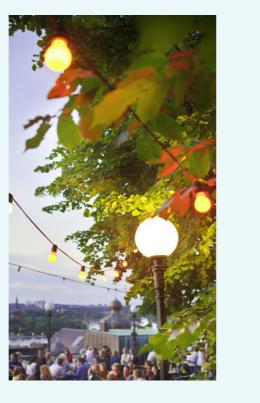
Read more about our international alumni: su.se/ouralumni

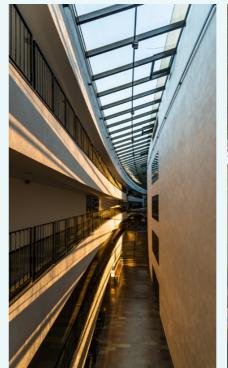
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Helene Andersson

### HELENE ANDERSSON DOCTOR OF LAWS

Helene Andersson is a postdoctoral researcher at the Department of Law, focusing on competition law and its application. She was once a dedicated student on the master's programme in European Economic Law. Now she is one of the lecturers.

"I love this subject and the contact with the students. It makes a nice change from carrying out research on your own. At this level the students are very interested and motivated, which is great when you're teaching. They usually form a pretty tight group and that makes working together with them even more fun. It's almost as if you become friends with the students."

#### Middle Eastern Studies 120 credits

Middle Eastern Studies is an interdisciplinary field of studies, which provides in-depth training in the Arabic language and/or advanced area studies with a focus on the Middle East and North Africa. The programme offers opportunities for internships and field work, as well as studies in the region. www.su.se/asia/english

#### Political Science 120 credits

Helps students develop a critical understanding of the practical and theoretical dimensions of political science, and equips them with valuable analytical and methodological skills. It combines professional preparation with courses in state-of-the-art political research.

www.statsvet.su.se/mastersprogrammes

#### Population Health: Societal and Individual Perspectives

A multidisciplinary approach to the links between society and health, including social policies and social stratification; psychobiological processes and stress; life course and developmental perspectives on health; and global health. Quantitative methods are utilized throughout the programme. www.chess.su.se

#### Social Anthropology 120 credits

Provides a global and comparative perspective on the diversity and social and cultural forms of the contemporary world.

Compulsory courses include History and Philosophy of Anthropological Theory, and Anthropological Methods.

Students get the opportunity to formulate an independent research project and carry out long-term fieldwork.

www.socant.su.se/english

#### Sociology 120 credits

The objective is to provide students with the ability to do independent analyses of social issues using sociological theories and sociological methods and to work professionally with qualified analyses.

www.sociology.su.se/english

#### Statistics 120 credits

Statistics is an essential tool in social planning and almost all empirical sciences, as well as product development, production planning and quality control. This programme provides students with a general and firm foundation of statistical theory and statistical methods.

www.statistics.su.se/english

#### **Urban and Regional Planning** 120 credits

Provides students with in-depth knowledge on urban and regional planning in an international perspective. It enables students to develop critical insights into planning theories, cultures and practices, and to understand the varying institutional and spatial contexts in cities and regions.

www.humangeo.su.se/murp

This programme is suitable for graduates from various disciplines.

#### Law

#### European Economic Law (EEL) 60 credits

EEL opens with a mandatory course on the EU's constitutional aspects, including the regulation of the internal market. Then the students can specialize by selecting from elective courses; EU competition law; EU banking and financial law; or the internal market and its social dimension. In the second term, legal methods are taught and practised through participation in an EU moot court/mock trial and through interactive seminars and research workshops. The EEL programme ends with the student writing a thesis.

www.jurinst.su.se/enqlish

#### European Intellectual Property Law (EIPL) 60 credits

As intellectual property rights play a crucial role in the EU, this master's programme offers students the ability to specialize in intellectual property law. The balance between freedom and protection is a daily challenge, not least on the internet. This highly ranked master's programme, which provides both an overview and specialization, includes moot courts. The programme ends with the showing of acquired research and writing skills by authoring a master's thesis. www.jurinst.su.se/enalish

#### International Commercial Arbitration (ICAL) 60 credits

In this internationally top-ranked master's programme, students from around the globe engage in a rigorous, interactive study of arbitration law where academic theory is combined with practice. A variety of learning formats are used based on scholarly studies of complex topical issues, including an extensive mock arbitration. Students hone their legal research, writing and presentation skills through individual and group assignments, and by authoring a master's thesis. www.jurinst.su.se/english

## Science and Mathematics Biology

#### **Biodiversity and Systematics** 120 credits

Provides students with the skills to work with biodiversity and its conservation in the future. It covers biodiversity, systematic theory and key taxonomic tools and skills. The participating universities are Gothenburg, Lund, Stockholm, Uppsala, Copenhagen, Aarhus, Oslo, Tromsö and Trondheim.

www.biq.su.se/enq

#### Biology 120 credits

A flexible programme for those who want to tailor their education in biology by selecting courses most relevant to their field of studies from all faculties. The programme can also include workplace experience.

www.biq.su.se/enq

#### **Ecology and Biodiversity** 120 credits

Combines compulsory courses – biological statistics, experimental design and science, evolutionary ecology, conservation ecology and biodiversity – with specialized courses in plant ecology, applied marine conservation biology, molecular ecology, landscape ecology and plant-animal interactions.

www.big.su.se/eng

#### Ethology 120 credits

Examines how animals communicate and solve conflicts, the social structure of animal communities, pair formation and reproduction, and how competition and cooperation develop. The programme includes lectures, seminars and practical studies both in laboratories and at our research station. www.big.su.se/eng

#### Genetic and Molecular Plant Science 120 credits

Deals with the theoretical importance of plants in a framework of environmental protection, industrial research and legislation. Provides training in planning and executing plant-related research projects. A collaborative programme between Stockholm University, Uppsala University and the Swedish University of Agricultural Sciences. <a href="https://www.big.su.se/eng">www.big.su.se/eng</a>

#### Marine Biology 120 credits

You will gain knowledge of oceanic processes and how we influence them – two preconditions for a broad understanding of the environment of the Earth. The programme is flexible, with no compulsory courses, allowing you to choose the direction within the field that suits you. www.big.su.se/eng

#### Microbiology 120 credits

Aims to give you a deeper understanding of how bacteria, viruses, fungi and protozoa interact with the environment and affect biological systems at molecular, cellular and organism level. You will study pathogenic microbes, biological diversity, evolution, biotechnology, and more. www.biq.su.se/enq

#### Molecular Life Sciences 120 credits

You will study the structure, function and regulation of biological systems at molecular, cell and organism level. Gives you broad training at the frontier of research. The highly flexible course combinations allow you to tailor studies to your own needs and interests. www.big.su.se/eng









Jennetta George

#### JENNETTA GEORGE **MASTER IN MATHEMATICS**

"This experience has really changed my life. The Swedish way of learning takes a lot of self-discipline and I have been able to apply that approach to other areas of my life in a great way." Jennetta George is doing a master in Mathematics at Stockholm University. She is keen to point out that the focus on self-teaching does not adversely affect the

learning compared to what she was used to in her native USA. "I feel as if the teaching staff here respect the master's students a bit more than what is the case at home. I also work at the department and I quickly became part of the team and made friends with my

colleagues.'

quality of the

education. It is just

a different way of

#### Molecular Techniques in Life Science 120 credits

Given at the SciLifeLab, this programme focuses on cuttingwith state-of-the-art techniques used in modern highthroughput molecular biology, and on how to translate biological findings into diagnostic tools and novel treatments. www.kemi.su.se/english

#### Social-Ecological Resilience for Sustainable Development

Enhances your knowledge of the complex interactions between social and ecological dynamics at different scales. The challenges and approaches of social-ecological systems, systems theory and resilience thinking, and governing and managing social-ecological systems, are covered in-depth. www.big.su.se/eng

#### Chemistry

#### **Analytical Chemistry** 120 credits

Focuses on identification and quantification of chemical compounds. Students study different topics of the "Analytical Chain", including analytical methodology, techniques for sampling, separation and spectroscopic methods, instrumental techniques, handling, processing and data evaluation. www.kemi.su.se/english

#### **Biochemistry** 120 credits

www.kemi.su.se/english

Students are trained in scientific method, experimental planning and carrying out independent research. Subjects covered include proteins – their structure and the folding process, targeting and turnover, and structure and function – and biological membranes with respect to structure and

edge methods in bioinformatics analysis of big data, combined

#### Molecular Biophysics 120 credits

Materials Chemistry 120 credits

www.kemi.su.se/english

functional molecules – features heavily.

Provides a molecular view on the phenomena of life and a thorough education in experimental and theoretical biophysical methods. It includes both theoretical courses, which provide a background for understanding biophysical principles, and more experimental courses. www.kemi.su.se/english

Focuses on the design and control of the relationships between

materials. The design of nanostructured materials - molecular

structure, composition, processing and the properties of

building blocks, templating molecules, nanoparticles and

#### Neurochemistry with Molecular Neurobiology 120 credits

Focuses on the molecular function of the nervous system. It gives students a multidisciplinary background in neurochemistry, molecular neurobiology, peptide chemistry and recombinant techniques. It consists of compulsory and specialized courses, and an in-depth research project. www.kemi.su.se/english

#### Organic Chemistry 120 credits

Designed to cover most of the department's highly successful and internationally recognized research. Students will learn how small molecules can be produced, what they look like, and how they interact with each other, for example, in complex biological systems. www.kemi.su.se/english

#### Earth and Environmental Sciences

**Environmental Management and Physical Planning** 120 credits This programme gives you a systems thinking based and applied perspective on sustainable development, environmental and planning issues. The programme consists of a mix of compulsory courses – Applied Environmental Modelling, International Environmental Issues, Environmental Management in Planning and EIA – and optional courses as well as a final thesis course. www.natgeo.su.se/english



#### **Environmental Science** 120 credits

Students will acquire a solid education in a natural science with environmental relevance, an understanding of the societal aspects of environmental problems, and learn about the tools at their disposal to resolve environmental problems in a scientific manner. www.aces.su.se

#### **Geological Sciences** 120 credits

Students study the processes that control the Earth as an inte grated system at both timescales of anthropogenic relevance and timescales of hundreds to millions of years. Focus lies on the faculty's research strengths – marine geology and geophysics, petrology and tectonics, and biogeochemistry. www.geo.su.se

#### Geomatics with Remote Sensing and GIS 120 credits

Explores the use of geodata in the Earth Sciences, particularly from remote sensing platforms. Using professional geographical information systems and image processing software we examine methods for spatial analyses, time series exploitation, data visualization and modelling. The programme emphasizes applied skills development with much of the learning computerbased, taking advantage of our computer labs. www.natgeo.su.se/english

Hydrology, Hydrogeology and Water Resources 120 credits Looks at hydrological and hydrogeological processes, the main water cycle components and the spreading of dissolved substances/pollutants in water. It covers the methods for quantifying and handling uncertainty, probability and risk, as well as environmental and ecological economics. www.natgeo.su.se/english

#### Physical Geography and Quaternary Geology 120 credits

Analyzing the Earth's landscapes, landforms, and sediments, you learn about climate and environmental changes and acquire useful transferable skills. Allows for specializations towards glaciology and polar environments, and climate reconstruction and modelling. www.natgeo.su.se/english

#### Mathematics, Physics and Computer Science

#### Astronomy 120 credits

Gives a broad base in astronomy and astrophysics, with advanced courses in areas such as observational techniques, astrophysical gas dynamics and radiation processes. Studies are coupled to ongoing research and the programme provides a good foundation for doctoral studies. www.astro.su.se/english

#### Atmospheric Sciences, Oceanography and Climate 120 credits

About our atmosphere and oceans and how they interact to create the Earth's climate. Students can choose to explore large-scale wind and ocean currents, biochemical cycles, airocean/land exchange processes, the occurrence and transport of chemical constituents in the atmosphere, radiation and cloud formation. Both complex computer models of the climate system and instrumental techniques can be applied. www.misu.su.se

#### **Computational Physics** 120 credits

Designed to teach physicists how to construct and apply numerical models to complicated physical phenomena. The programme combines programming, numerical methods and computer science, with mathematical methods of physics, simulation methods and hands-on work on realistic physics problems. A number of advanced physics courses are offered. www.fysik.su.se/english

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Constantinos Michael Ioannou

## CONSTANTINOS MICHAEL IOANNOU MASTER IN ENGLISH, TRANSNATIONAL CREATIVE WRITING

"Do it! Take the risk!" That is Constantinos Michael Ioannou's advice to anyone thinking about doing a master abroad. He is currently studying English, Transnational Creative Writing and is singing the praises of the programme and his tutors. "The level of the English education at Stockholm University is on a par with that of first language universities in the UK and the US. What is unique here is the multicultural academic environment. I'm from Cyprus and in my class here there are people from Argentina, England, Wales, Sweden, Italy, Chile and other countries. You don't get that mix in many other places."

#### Mathematical Statistics 120 credits

Designed for students who have a bachelor's degree in mathematics or mathematical statistics and wish to extend their knowledge in mathematical statistics. It's an excellent preparation for doctoral studies, and/or a solid foundation for a professional career in this field.

www.math.su.se/english

#### Mathematics 120 credits

This is a joint programme between KTH Royal Institute of Technology and Stockholm University. Students choose courses from algebra and geometry, analysis, topology and discrete mathematics, and complete compulsory courses in scientific methodology and mathematical communication.

www.math.su.se/english

#### Physics 120 credits

Provides a solid base in experimental physics. Compulsory courses provide a necessary tool kit in programming and statistical methods, understanding of experimental techniques and strengthen knowledge of theoretical physics. Elective courses allow students to choose specialization from a wide palette of subjects.

www.fysik.su.se/english

#### Theoretical Physics 120 credits

Provides a solid foundation in the techniques of modern physics, particularly quantum field theory, statistical mechanics and mathematical methods. Areas of specialization include cosmology, string theory, general relativity, condensed matter physics and quantum information.

www.fysik.su.se/english

#### |Language and Linguistics

#### Asian Studies 120 credits

The programme's focus lies on developing the student's ability in scientific analysis of East Asia as a whole, and more specifically China, Japan and Korea. This is achieved by studying source material in one of the original languages. By combining general studies with country-specific knowledge, the student has the opportunity to discuss and contextualize East Asia on a global level. www.su.se/asia/enqlish

#### Chinese 120 credits

www.english.su.se

The focus of the programme is studies of the Chinese language and a thorough examination of cultural and societal aspects of modern China. The programme is conducted together with the universities of Aarhus and Copenhagen and in cooperation with Zhejiang University in Hangzhou, where the studies of the second and third semesters also take place. www.su.se/asia/english

#### English, Transnational Creative Writing 120 credits

Within this programme you develop advanced writing and analytical skills for the study of writing craft and art, as well as publishing industries. You will also gain a deeper understanding of specific issues within general creative practice, as well as the increasing field of transnational creativity, and learn to use advanced methods for the exploration of literary texts, both in terms of form and in terms of their relation to history, politics, and ethics.

#### Language Sciences/Linguistics 120 credits

Aims to enhance and develop the students' knowledge within their specialization and increase their interdisciplinary knowledge of research ethics, research methods, and the philosophy of science. The programme consists of compulsory courses for all students in the programme, compulsory courses within the relevant specialization, as well as optional courses offered by various departments across the Faculty of Humanities.

Choose one of our eleven international specializations:

- · Ancient Greek
- Applied English Linguistics
- Baltic Languages
- Bilingualism
- French
- German
- ItalianLatin
- Portuguese
- Spanish
- Typology and Linguistic Diversity www.ling.su.se/english

#### Middle Eastern Studies 120 credits

Middle Eastern Studies is an interdisciplinary field of studies, which provides in-depth training in the Arabic language and/or advanced area studies with a focus on the Middle East and North Africa. The programme offers opportunities for internships and field work, as well as studies in the region. www.su.se/asia/english

### Our research

Education and research are closely linked at Stockholm University where there are two main academic areas: Science and Human Science. There is a strong focus on basic research and the university strives to develop collaboration across disciplinary boundaries to create a balance between research and education. As a student you will meet researchers who are outstanding in many areas with access to the most recent scientific findings.

Since its founding in 1878, Stockholm
University has played an active role in society
and is characterized by openness and innovation.
Four Nobel Laureates in Chemistry, and the
appointment of Sweden's first female professor
and the world's first female professor of
Mathematics in 1889, mark the university's
proud history.

Our researchers are leading contributors to the development of scientific research and our society. They also participate as experts in both scientific and public international bodies; most prominently as members of the Nobel Prize committees who select the Nobel Prize winners each year.

#### Facts and figures

- Sweden's largest university with 28,000 full-time students, 34,000 individual students and 5,500 staff members.
- 2017 Academic Ranking of World Universities: 74
- According to the 2018 edition of QS World University Ranking, the best subjects ranked at Stockholm University within the top one hundred are Geography (39) followed by Environmental Studies (40), Sociology (49), Natural Sciences (69) and Arts and Humanities (80).
- Stockholm University's increase in scientific publishing is among the top internationally.
   According to the Nature Index Rising Stars, it rates number 32 in the world.
- Ranked third in driving environmental awareness, in the Times Higher Education awards global list of universities that have produced environmental science research with the greatest impact.









## Studying in Stockholm

#### Admissions

#### **Entry requirements**

In order to be eligible, you have to fulfil the general entry (eligibility) requirements as well as the specific requirements for the programme you are interested in. Make sure to read the specific requirements for each programme you are interested in at su.se/mastersprogrammes.

#### **General eligibility**

A requirement for all master's programmes is the possession of a bachelor's degree or equivalent from an accredited institution of higher learning, corresponding to at least 180 credits in the European Credit Transfer System (ECTS).

#### Specific eligibility

The specific requirements vary for different programmes. Most programmes require a specific major subject in your bachelor's degree.

In addition, a very good command of English is required. Please find information on how to demonstrate that you meet the English language requirements, a list of accepted English tests and the minimum results required at su.se/entryrequirements.

#### Students in their final year of bachelor's studies

If you do not hold the required degree, but are registered for the last year of a programme leading to such a degree, Stockholm University permits conditional admission if you can provide transcripts from all your completed studies including second last year. In addition,

an official document stating that you are likely to be awarded the degree by the start of the Swedish programme must be sent with your application.

#### **Application and tuition fees**

Students with citizenship in a country outside the European Union (EU), European Economic Area (EEA) and Switzerland will be required to pay an application fee of SEK 900 as well as a tuition fee that will vary depending on the type of course or programme chosen. The price per academic year for studies within Human Science is currently SEK 90,000 and within Science SEK 140,000. Some programmes have special prices in the range of SEK 90,000-140,000. For more information about tuition fees, please visit the official website for applications to higher education in Sweden: universityadmissions.se

#### A step-by-step guide to applying

- 1. Find a programme.
- 2. Check that you meet the admission requirements.
- 3. Create an account and submit your online application on the national applications website universityadmissions.se by the deadline of 15 January.
- 4. Submit your supporting documents to University Admissions by the deadline given.
- 5. Check if any additional documents are required by the department: su.se/departments

More information regarding how to apply: universityadmissions.se

#### Scholarships

#### Stockholm University Scholarship Scheme

The Stockholm University tuition fee waivers are aimed at talented students from countries outside the EU/EEA/Switzerland. Read more: su.se/scholarships

#### **Swedish Institute Scholarships**

The Swedish Institute administers a number of government scholarship schemes, all directed at different parts of the world outside the EU/EEA/ Switzerland. Read more: studyinsweden.se/scholarships

#### Welcome and other services

#### **Orientation Week**

Stockholm University provides welcome services and an Orientation Week programme for international students. Read more: su.se/study

#### MyCareer

Looking for a part-time job, an internship or full-time employment after graduation? Check out a wide range of possibilities at Stockholm University's jobs and careers portal MyCareer: su.se/mycareer

#### **Academic Writing Service**

The Academic Writing Service provides language support to all students who write their course work, such as essays, reports, research papers and theses in English. Read more: su.se/writingservice

#### Free Swedish language courses

Swedish language courses are offered at different levels for international students who are admitted to studies at Stockholm University. Read more: su.se/svefler/swe\_international

#### Student unions for support and activities

Stockholm University Student Union (SUS) provides all students with support services connected to their studies together with benefits and discounts on campus and in the city. The SUS and other student unions also create meeting places for fun and friendship across nationalities. Read more: su.se/studentunions

#### Accommodation

Information about accommodation and useful links when looking for housing can be found at su.se/studenthousing. However, please note that Stockholm University cannot assist students any further with accommodation.

#### **CONTACT STUDENT SERVICES**

STUDY AND CAREER COUNSELLING: Phone: +46 (0)8 16 28 45 Monday – Thursday: 9 a.m. – 11 a.m.\* Wednesday: 2 p.m. - 3 p.m.\*

#### **VISITORS:** Monday – Thursday:

10 a.m. - 12.30 noon\* Tuesday: 4 p.m. - 6 p.m.\* su.se/studycounselling

ADMISSIONS OFFICE: Phone: +46 (0)8 16 49 89 Tuesday: 10 a.m. – 12 noon\* Email: study@su.se

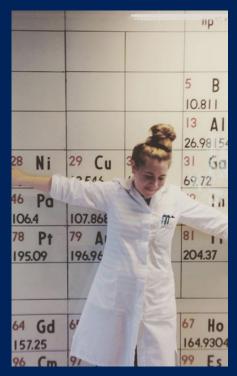
SERVICE FOR STUDENTS WITH DISABILITIES: su.se/disability

**EXCHANGE STUDIES:** su.se/study/ exchange-students

FURTHER INFORMATION: su.se/study

\* Swedish time = GMT+1/CEST

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### The real study life @stockholmuniversity!

Stockholm University official Instagram account, run by students and staff, shows you what life as a student in Stockholm at our university is really like. Each week has a new guest editor, most of the time students, but also researchers, who gives our followers a personal insight into their daily life, endeavours and joys during their study time with us. The account is your best way to find out what it is really like to study at Stockholm University.

Follow us @stockholmuniversity!

